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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/813,117	03/21/2001	Stefan Burstrom	08385.0010-00000	8097

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EXAMINER	
KIANERSI, MITRA	

ART UNIT	PAPER NUMBER
2145	

NOTIFICATION DATE	DELIVERY MODE
07/20/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary	Application No.	Applicant(s)	
	09/813,117	BURSTROM, STEFAN	
	Examiner	Art Unit	
	Mitra Kianersi	2145	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *03* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *04132007*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1,4-32 and 35-43* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) *1,4-32 and 35-43* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *4202005* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☒ Certified copies of the priority documents have been received in Application No. 0000944-9.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☒ Interview Summary (PTO-413) Paper No(s)/Mail Date. 7/16/07
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

Response to Arguments

Applicant's arguments with respect to claim 1, 4-32, 35-43 has been considered but is moot in view of the new ground(s) of rejection.

Claims 1, 4-32, 35-43 have been examined.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 4-32, 35-43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ludwig et al. (UK Patent Application, GB 2282506).

1. As per claim 1, a method for providing an electronic information service in a computer system connected to a network, (fig. 1 illustrates an arrangement for providing an electronic information service in a computer system which is connected to a network, and Fig. 4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network), Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network), number of users being able to write information into and read information from the electronic information service the computer system via the network, (fig. 2A and fig. 31D illustrate a box labeled as "multimedia document editors" or box 524 the mail system) the method comprising:
-creating a first information object comprising a partial area of a virtual pixel area into which a plurality of users can write information and from which the plurality of users can read information, said first information object including a position-coding pattern having sufficient resolution to define a track of a drawing device; The data conferencing

component of the above-described system supports the sharing of visual information at one or more CMWs. This encompasses both "snapshot sharing" (sharing "snapshots" of complete or partial screens, or of one or more selected windows) and "application sharing" (sharing both the control and display of running applications). When transferring images, lossless or slightly lossy image compression can be used to reduce network bandwidth requirements and user-perceived delay while maintaining high image quality. (page 12-13) and sums are decomposed and formed in a distributed fashion, creating partial sums at one site which are completed at other sites by appropriate signal insertion. Accordingly, audio mixing circuitry 38 is able to provide one or more additional sums, such as indicated by output 38, for sending to other sites having conference participants. (Page 18)

-first information object including a position-coding pattern having sufficient resolution to define a track of a drawing device; Other examples include window event lists as supported by the Window-Event Record and Play system 512 shown in Figure 30. This component allows for storing and replaying a user's interactions with application programs by capturing the requests and events exchanged between the eliem program and the window system in a time-stamped sequence. After this "record" phase, tile resulting information is stored in a conventional file that can later be retrieved and "played" back. During playback the same sequence of window system requests and events reoccurs with the same relative timing as when they were recorded. In prior-art systems, this capability has been used for creating automated demonstrations. Page 40)

-transmitting the first information object via the network to a first user included in the plurality of the users, (the following step is obvious because a partial area of a virtual pixel area means a part of display area), which pixel area contains information written by users from among said plurality of users, (Ludwig on page 2, lines 30-34 teaches the user's activities on a screen display)

-receiving a second information object from the first user including a modification of at least part of the partial area of the virtual pixel area, (Ludwig et al. discloses that rather than causing a new Share window to be created whenever a snapshot is shared, it is

possible to replace the contents of an existing Share window with a new image. This can be achieved in either of two ways. First, the user can click on the GRAB button and then select a new window whose contents should replace the contents of the existing Share window. Second, the user can click on the REGRAB button to cause a (presumably modified) version of the original source window m replace tile contents of the existing Share window. This is particularly useful when one participant decisions to share a long document that cannot be displayed on the screen in its entirety. For example, the user might display the first page of a spreadsheet on his screen, use the SHARE button to share that page, discuss, and perhaps annotate it. Then return to the spreadsheet application m position to the next page, use the REGRAB button to share the new page, and so on. This mechanism represents a simple, effective step toward application sharing. The Expert forwards the multimedia mail message to both caller 272 and the other participant, and all three of them review the video enclosure in detail and discuss the concern raised by caller 272. They share certain relevant data as described above and realize that they need to ask a quick question of another remote expert. They add that expert to the call (resulting in the addition of a fourth image to the video mosaic, also not shown) for less than a minute while they obtain a quick answer to their question. They then continue their three-way call until the Expert provides his advice and then adjourns the call. The Expert composes a new multimedia mail message, recording his image and audio synchronized to the screen displays resulting from his simultaneous interaction with his CMW (e.g., running a program that performs certain calculations and displays a graph while the Expert illustrates certain points by telephoning on the screen, during which time his image and spoken words are also captured). He sends this message to a number of sales force recipients whose identities are determined automatically by an outgoing mail filter that utilizes a database of information on each potential recipient (e.g., selecting only those whose clients have investment policies which allow this type of investment). The Expert then receives an audio and visual reminder that a particular video feed (e.g., a short segment of a financial cable television show new financial instruments) will be triggered automatically in a few minutes. He uses this time to search his local securities database, which is

dynamically updated from financial information feeds (e.g., prepared from a broadcast textual stream of current financial events with indexed headers that automatically applies data filters to select incoming events relating to certain securities).
-updating the virtual pixel area utilizing the second information object. (The Expert then receives an audio and visual reminder (not shown) that a particular video feed (e.g., a short segment of a f'maneial cable television show featuring new financial instruments) will be triggered automatically in a few minutes. He uses this time to search his local securities database, which is dynamically updated from financial information feeds (e.g., prepared from a broadcast textual stream of current financial events with indexed headers that automatically applies data filters to select incoming events relating to certain securities). The video feed is then displayed on the Expert's screen and he watches this short video segment. After analyzing this extremely up-to-date information, the Expert then reinitiates his previously deferred call. from indicator 271 shown in Fig. 42, which he knows is from the Head of Sales in Los Angeles, who is seeking to provide his prime clients with securities advice on another securities transaction based upon the most recent available information. The Expert's call is not answered directly, though he receives a short prerecorded video message (left by the caller who had to leave his home for a meeting across town soon after his priority message was deferred) asking that the Expert leave him a multimedia mail reply message with advice for a particular client, and explaining that he will access this message remotely from his laptop as soon as his meeting is concluded. The Expert complies with this request and composes and sends this mail message. (page 57-58)

2. As per claim 4, further comprising receiving a request from the first user for the partial area of the virtual pixel area. (Fig.41 illustrate how a partial of the display is occupied with receiving request from the users boxes 261-263)

3. As per claim 5, further comprising receiving a request from the first user for the partial area of the virtual pixel area, (Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network) and wherein creating the first information object comprising the partial area of the virtual pixel area comprises creating the first information object in

response to the request from the first user which pixel area contains information written by users from among said plurality of users, (Ludwig on page 2, lines 30-34 teaches the user's activities on a screen display).

4. As per claim 6, wherein the virtual pixel area includes a background image. (Fig.41 illustrate windows overlapping each other and the background shown as white color on black and white paper).

5. As per claim 7, wherein creating the first information object comprises including a background image in the first information object. (Fig.41 or Fig.42 illustrate any opened windows has a background color)

6. As per claim 8, wherein the virtual pixel area comprises a plurality of graphical files. (Fig.41 window 204 illustrates collaboration initiator as different graphical files).

7. As per claim 9, wherein creating the first information object comprises including an information image in the first information object. (Fig. 30, multimedia document components).

8. As per claim 10, further comprising selecting an information image based on user parameters specific to the first user, and wherein creating the first information object comprises including the information image in the first information object. (Fig.41 illustrate how a partial of the display is occupied with receiving request from the users boxes 261-263).

9. As per claim 11, wherein creating the first information object comprises including a banner ad in the first information object. (Fig. 30, multimedia document components)

10. As per claim 12, wherein creating the first information object comprises including a banner ad targeted to the first user in the first information object. (Fig. 30, multimedia document components)

11. As per claim 13, further comprising notifying a second user when the virtual pixel area has been updated. (Fig. 30, part 504, time sensitive and time dependent media)

12. As per claim 14, further comprising notifying a second user if a portion of the virtual pixel area specified by the second user is updated as a result of updating the virtual pixel area utilizing the second information object. (Fig. 30, part 504, time sensitive and time dependent media)

13. Claims 15-17, 19, 24-30 and 36-43, teach the same limitation as claim 1 and are rejected by the same rational.

14. As per claim 18, further comprising transmitting the modification to a second user who has previously been provided with a portion of the graphical image affected by the modification. (Fig. 30, multimedia document components)

15. As per claim 20, teach the same limitation as claim 18 and are rejected by the same rational.

16. As per claim 21, wherein a plurality of graphical files represent sections of the graphical image. (The step is obvious, since the info, objects are transmission of files).

17. As per claim 22, further comprising transmitting a banner ad to the first user. (Fig. 30, editors)

18. As per claim 23, further comprising transmitting to the first user a banner ad whose content is targeted to the first user. (Fig. 30, multimedia document components)

19. As per claim 27, wherein the message has associated therewith a fixed time in which the message will remain in said position on the virtual area, the method further comprising, removing the message from said position on the virtual area after elapse of said fixed time period. (Fig. 30, part 504, time sensitive and time dependent media)

20. As per claim 31, wherein displaying the portion of the graphical image to the first user comprises displaying the portion of the graphical image on a computer monitor. (Ludwig on page 2, lines 30-34 teach the user's activities on a screen display).

21. As per claim 32, wherein displaying the portion of the graphical image to the first user comprises printing the portion of the graphical image with a printer. (Fig. 8, a recording the data)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mitra Kianersi whose telephone number is (571) 272-3915. The examiner can normally be reached on 8:00AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cordone can be reached on (571) 272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mitra Kianersi
June/22/2007

JASON CARDONE
SUPERVISORY PATENT EXAMINER